LIST OF CLAIMS

The following is a complete listing of revised claims with a status identifier in parenthesis.

1. (Currently Amended)   A method of transmitting over a wireless link, said method comprising:

adjusting [[the]]a transmit power of a wireless transmitter in relation to ~~a number N of~~ an expected number of ACKs and one of a number of ACKs lost and a number of ACKs received for radio transmissions over said wireless link, the number of expected ACKs is N.

2. (Previously Amended)   The method of claim 1 wherein said adjusting being performed by said wireless transmitter and further including:

monitoring a number of ACKs lost for radio packets transmitted;

increasing said transmit power if the number of ACKs lost/expected number of ACKs is above a first threshold; and

decreasing said transmit power if the number of ACKs lost/expected number of ACKs is below a second threshold.

3. (Original)   The method of claim 1 further including:

determining an initial transmit power for said wireless transmitter based on a measurement of a signal received over said wireless link.

4. (Original)   The method of claim 2 further including:

providing a base station transmitting acknowledgments of radio packets transmitted by said wireless transmitter over said wireless link to said base station.

5. (Original)   The method of claim 2 further including:

providing a wireless unit transmitting acknowledgments of radio packets transmitted by said wireless transmitter over said wireless link to said wireless unit.

6. (Original)   The method of claim 1 further including:

providing a register of length N;

filling said register with receive ACK bits

transmitting a radio packet;

inserting into said register a receive ACK bit if an ACK was received within a time interval; and

inserting into said register a no ACK bit if an ACK was not received within said time interval.

7. (Original)   The method of claim 6 wherein said step of adjusting including:

reducing said transmit power if the number of no ACK bits/N is less than a first threshold; and

increasing said transmit power if the number of no ACK bits/N is greater than a second threshold.

8.   (New) A method of transmitting over a wireless link, said method comprising:

adjusting a transmit power of a wireless transmitter based on a predetermined threshold, the predetermined threshold being in relation to a number of ACKs lost / expected number of ACKs for radio transmissions over said wireless link.

9.   (New) A method of transmitting over a wireless link, said method comprising:

adjusting a transmit power of a wireless transmitter based on a number of ACKs expected for radio transmission over said wireless link, the ACKs expected based on at least one of frames and packets sent.

10.   (New) The method of claim 9, wherein the ACKs expected are based on at least one of voice and data.